

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/062668 A1

(51) International Patent Classification⁷: **H04R 25/00**

(21) International Application Number:
PCT/AU2004/001803

(22) International Filing Date:
22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003907101 22 December 2003 (22.12.2003) AU

(71) Applicant (for all designated States except US):
COCHLEAR LIMITED [AU/AU]; 14 Mars Road,
Lane Cove, NSW 2066 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN DER
BORGHT, Günther** [BE/AU]; 14 Mars Road, Lane
Cove, NSW 2066 (AU). **JANSSEN, Jan** [BE/AU]; 14
Mars Road, Lane Cove, NSW 2066 (AU).

(74) Agent: **F B RICE & CO**; 605 Darling Street, Balmain,
NSW 2041 (AU).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

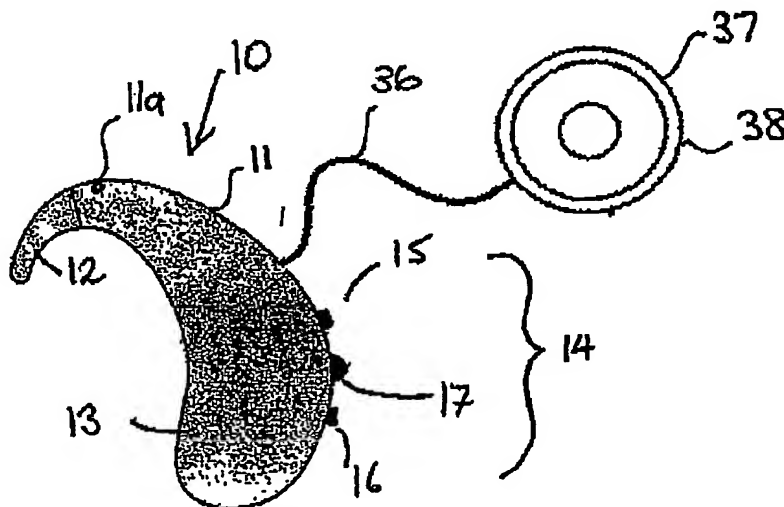
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **HEARING SYSTEM PROSTHESES**



(57) Abstract: There is disclosed a hearing prosthesis comprising a first housing (11) containing a primary signal processor that receives signals output by a microphone; and a second housing (13) removably connectable to the first housing (11); wherein a user interface (14) is provided on the second housing (13) that provides control of one or more features of the operation of the primary signal processor.